

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-24. (Cancelled)

25. (Currently amended) A composition, comprising
a soluble recombinant botulinum toxin protein comprising a C-terminal portion of a heavy chain of a botulinum toxin serotype selected from the group consisting of botulinum toxin types B, C₁, D, E, F and G, the C-terminal portion including a botulinum toxin receptor binding domain and being produced in soluble form in aerobic bacteria and obtained therefrom as a single polypeptide chain without Clostridial botulinum neurotoxin complex proteins.

26. (Previously presented) The composition of claim 25 wherein the C-terminal portion comprises at least a portion of an amino acid sequence selected from the group consisting SEQ ID NO: 44, 46, 60, 62, 68, 50, 52, 73, 77 and 79.

27. (Previously presented) The composition of claim 25 wherein the botulinum toxin protein further comprises a non-toxin protein sequence.

28. (Previously presented) The composition of claim 25 wherein the toxin is in solution.

29. (Cancelled)

30. (Cancelled)

31. (Previously presented) The composition of claim 25 wherein the composition is a lysate obtained from E. coli bacteria.